

ABSTRACT OF THE DISCLOSURE

A system for lighting an object has a radiation source, a first guidance device optically connected to the object, a second guidance device and a first subtracting amplifier in communication with the first guidance device. The first subtracting amplifier has inputs and at least one output. A second subtracting amplifier is in communication with the first and second guidance devices. A commutation unit is in communication with the first and second guidance devices and the first and second subtracting amplifiers. First, second, third and fourth actuators are in communication with the commutation unit. A first mirror is in communication with and controlled by the first and second actuators and a second mirror is in communication with and controlled by the third and fourth actuators. The first and said second mirrors are controlled by the actuators so that the system can light an object by reflecting the radiation source.